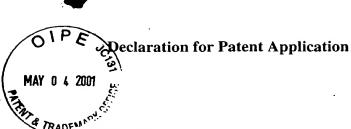
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LTI Ref: 251.2 CIP Our Ref: 0942.5010002/RWE/BJD

As a below named inventor, Thereby declare that:

was filed on December 11, 2000;

is the

 \boxtimes

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled Use of Multiple Recombination Sites with Unique Specificity in Recombinational Cloning, the specification of which is attached hereto unless the following box is checked:

as United States Application Number or PCT International Application Number 09/732,914; and

was amended on	(if applicable).			
I hereby state that I have reviewe amended by any amendment refe	ed and understand the contents of the erred to above.	e above identified specification, in	cluding the cl	aims, as
I acknowledge the duty to disclo	se information that is material to pa	tentability as defined in 37 C.F.R.	§ 1.56.	
inventor's certificate, or § 365(a) United States listed below, and h	enefits under 35 U.S.C. § 119(a)-(d) of any PCT international application ave also identified below any foreign a filing date before that of the applications.	on, which designated at least one cogn application for patent or inventor	ountry other thor's certificate,	nan the
Prior Foreign Application(s)			Priority	Claimed
		· 	□ Yes	□ No
(Application No.)	(Country)	(Day/Month/Year Filed)		
(Application No.)	(Country)	(Day/Month/Year Filed)	□ Yes	□ No
I hereby claim the benefit under	35 U.S.C. § 119(e) of any United S	tates provisional application(s) list	ed below.	
60/169,983	December 10, 1999			
(Application No.)	(Filing Date)			
60/188,020	March 9, 2000			
(Application No.)	(Filing Date)			
international application designa this application is not disclosed i paragraph of 35 U.S.C. § 112, I a	35 U.S.C. § 120 of any United Statting the United States, listed below in the prior United States or PCT in acknowledge the duty to disclose in ble between the filing date of the prior United States or the prior United States or PCT in acknowledge the duty to disclose in the prior the filing date of the prior the states of the state	and, insofar as the subject matter of ternational application in the mann formation that is material to patent	of each of the of er provided by ability as define	y the first ned in 37
(Application No.)	(Filing Date)	(Status - patented, pe	nding, abando	ned)
(Application No.)	(Filing Date)	(Status - patented, pe	nding, abando	ned)

Appl. No. 09/732,914 LTI Ref: 251.2 CIP Our Ref: 0942.5010002/RWE/BJD

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor David CHEO
Signature of sole or first inventor David Cheo 4-10-0 Date
Residence Kensington, MD
Citizenship USA
Mailing Address 4307 Ambler Drive
Kensington, MD 20895
Full name of second inventor Michael A. BRASCH
Signature of second inventor Date 04-09-01
Residence Gaithersburg, Maryland
Citizenship USA
Mailing Address 20931 Sunnyacres Rd.
Gaithersburg, Maryland 20882
Full name of third inventor Gary F. TEMPLE
Signature of third inventor 4-10-01
Residence Washington Grove, Maryland
Citizenship USA
Mailing Address 114 Ridge Road
Washington Grove, Maryland, 20880

Appl. No. 09/732,914 LTI Ref: 251.2 CIP Our Ref: 0942.5010002/RWE/BJD

Full name of fourth inventor James L. HARTLEY
Signature of fourth inventor April 2, 2001 Date
Residence Frederick, MD
Citizenship
Mailing Address 7409 Hillside Drive
Frederick, MD 21702
Full name of fifth inventor Devon R.N. BYRD
Signature of fifth inventor 4 6 07 Date
Residence 9511 Brear atom Way
Citizenship Wontsonery Willage MD 20886
Mailing Address 954 Brian Glenn Way
Mandganery Village, Mit 20886

P:\USERS\BRIAND\0942\5010002\501-2,decl SKGF Rev. 11/8/00 mac (Supply similar information and signature for subsequent joint inventors, if any)



MAY 0 4 2001

LTI Ref: 251.2 CIP Our Ref: 0942.5010002/RWE/BJD

Invitrogen Corporation of Delaware, having a principal place of business at 1600 Faraday Avenue, Carlsbad, CA 92008, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 41001 and 41001 of an invention known as Use of Multiple Recombination Sites with Unique Specificity in Recombinational Cloning (Attorney Docket No. 0942.5010002/RWE/BJD), which is disclosed and claimed in a patent application of the same title by the inventor(s) David CHEO, Michael A. BRASCH, Gary F. TEMPLE, James L. HARTLEY and Devon R.N. BYRD (said application filed on December 11, 2000 at the U.S. Patent and Trademark Office, having Application Number 09/732,914).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michael A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934 U.S.A.

Direct phone calls to 202-371-2600.

SIGNATURE: Man Downsond BY: Alan W. Hammond	FOR:	Invitrogen Corporation
BY: Alan W. Hammond	SIGNATURE:	
		·
TITLE: Chief Intellectual Property Counsel	TITLE:	Chief Intellectual Property Counsel
DATE: \ \ 4/16/2001		1 4/11 /2 110.2

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12011	Applicants: David CHEO; Michael A. BRASCH; Gary F. TEMPLE; James L. HARTLEY; Devon R.N. BYRD									
	Applica	tion No./Paṭent No.:	09/732,914	Filed/Issue Date:	December 11, 2000					
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	Entitled	· Use of Multiple Pec	ombination Sites with H	nique Specificity in Recomb	sinational Cloning					
	Entitied	. Ose of Multiple Rec	omonjation sites with o	inque specificky in Reconit	mational Cloning					
		Invitrogen Corporation	n	a Corporation						
		(Name of Assignee)	,	(Type of Assignee, e.g., corporation, partne	rship, university, government agency,etc.)					
E JC	states th	at it is:								
٠,٢	ر ام. [X]	the assignee of the en	tire right, title, and intere	est or						
2001		the assignee of the ch	ine right, title, and intere	33, 01						
, Wo.	الله الله الله الله الله الله الله الله									
ANEMADY	in the patent application/patent identified above by virtue of either:									
•	A. [X] An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.									
	OR									

A chain of title from the inventor(s) of the patent application/patent identified above to the current B.[] assignee as shown below: 1. From: To: The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. 2. From: To: The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. _ To: The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8] The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee. Alan W. Hammond Name: _ Title: Chief Intellectual Property Counsel

Signature:



LTI Ref: 251.2 CIP Our Ref: 0942.5010002/RWE/BJD

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): <u>David CHEO</u>, <u>Michael A. BRASCH</u>, <u>Gary F. TEMPLE</u>, <u>James L. HARTLEY and Devon R.N. BYRD</u>, the undersigned inventor(s) hereby sell(s) and assign(s) to <u>Invitrogen Corporation</u> (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es) ☐ for the United States of America (as defined in 35 U.S.C. § 100), ☐ and throughout the world,

(a) in the invention(s) known as <u>Use of Multiple Recombination Sites with Unique Specificity in Recombinational Cloning</u> for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 4/2/01, 4/10/01, 4/10/01, 4/10/01, 4/10/01 and (also known as United States Application No. 09/732,914, filed <u>December 11, 2000</u>), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;



all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene

G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: 4-10-01 Signature of Inventor:

/4-10-01 Signature of Inventor: $\sqrt{}$

Signature of Inventor

2 2001 Signature of Inventor:

Date: $\sqrt{4-10-0/}$ Signature of Inventor:

Devon R.N. BYRD